freedom CAR & vehicle technologies program

U.S. Department of Energy

Office of Energy Efficiency and Renewable Energy

HEV Fleet Testing

Advanced Vehicle Testing Activities



2002 Toyota Prius

VIN # JT2BK12U920038976

FreedomCA

Less dependence
on Foreign oil,
and eventual
transition to an
emissions-free,
petroleum-free
vehicle

Fleet Performance

Description:

This vehicle was operated throughout the State of Arizona by Bank One of Arizona's courier pool. It was operated 24 hours a day, six days a week, transferring documents between branches and a central processing center located in Phoenix on city streets and urban freeways as well in intrastate courier routes, with typical highspeed round trips of 100 to 300 miles.

Major Operations & Maintenance Events:

Rear hub and bearing replaced @ 40,000

Miles Cost: \$321

Operating Cost:

Purchase Cost: \$21,655 (2/02)*

NADA Used Vehicle Price: \$12,190 (4/04)

Sale Price: In operation
Maintenance Cost: \$0.02/mile
Operating Cost: \$0.07/mile
Total Ownership Cost: \$0.16/mile

Operating Performance:

Total miles driven: 106,995 Cumulative MPG: 40.36

* Purchase includes dealer price with options plus taxes. It does not include title, license, registration, extended warranty or delivery fee costs.

Vehicle Specifications

Engine: 4-cylinder, 52 kW @ 4000 rpm

Electric Motor: 33 kW
Battery: Nickel Metal Hydride
Seatbelt Positions: Five

Payload: 865 lbs **Features:** Regenerative Braking

CVT Transmission

See HEVAmerica Baseline Performance Fact Sheet for more information.



